

References

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- HIV-1 HLA-A11 and -B18 restricted epitopes were sequenced from donors who do and do not express the HLA-A11 and B18 molecule. Selective variations were only detected in virus isolated from individuals expressing the appropriate HLA type. Variant peptides with single substitutions within the minimal epitope did not always completely abrogate HLA binding, suggesting that multiple alterations within a particular epitope may need to accumulate during disease progression to allow viral escape.
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in the cytosol to produce peptides. The second, novel pathway uses a TAP-1/2 independent pathway, and allows a subset of MHC restricted epitopes to be processed in the endoplasmic reticulum or a Golgi compartment.

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- Naturally occurring variants of this peptide were able to stimulate reactivity. Two additional CD8+ CTL epitopes from vaccinees were characterized, as well as two CD4+ CTL epitopes.
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